

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	424	watko.xa,xp.	US-PGPUB; USPAT	OR	OFF	2006/10/26 16:48
S2	424	watko.xa,xp.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 16:48
S3	768068	ESD or shock or discharge	US-PGPUB; USPAT	OR	OFF	2006/10/26 16:49
S4	1029156	switch diode	US-PGPUB; USPAT	OR	OFF	2006/10/26 16:49
S5	202555	S3 and S4	US-PGPUB; USPAT	OR	OFF	2006/10/26 16:49
S6	9	S1 and S5	US-PGPUB; USPAT	OR	OFF	2006/10/26 16:49
S7	8	("20010048573"   "20030137789"   "20030174445"   "5491605"   "5559051"   "5757591"   "6400534"   "6424505").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/26 16:50
S8	5	("6005733" "6067220" "6128149" "6429991" "6891702").pn.	US-PGPUB; USPAT	OR	OFF	2006/10/26 20:20
S9	2	("5644454" "5757590").pn.	US-PGPUB; USPAT	OR	OFF	2006/10/27 12:49
S10	113283	shunt shunting shunted	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 12:50
S11	1992856	short shorting shorted	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 12:50
S12	123404	MR GMR TMR TJMR TGMR SV SVMR magneto?resist\$5 AMR	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 12:51

## EAST Search History

S13	2456884	ESD shock discharge arc\$5	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 12:51
S14	15738	(S10 S11) and S12 and S13	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 12:52
S15	188986	("360"/\$ "369"/\$ "720"/\$ 29/603\$).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 12:52
S16	1179	S14 and S15	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 17:02
S17	132	(360/323).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 17:02
S18	307	(360/322).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 17:02
S19	306	(360/313).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 17:02
S20	1478	(360/110).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 17:02

## EAST Search History

S21	117	(360/245.8).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 17:02
S22	231	(360/234.5).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 17:02
S23	25	(360/234.4).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 17:03
S24	2533	S17 S18 S19 S20 S21 S22 S23	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 18:11
S25	2	"5465186".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 18:11
S26	32	(US-20060221489-\$ or US-20050254158-\$ or US-20050162785-\$ or US-20050105220-\$ or US-20030210501-\$ or US-20020136130-\$ or US-20020097532-\$ or US-20050117263-\$).did. or (US-6972930-\$ or US-5757591-\$ or US-5559051-\$ or US-6891702-\$ or US-5757590-\$ or US-5644454-\$ or US-6067220-\$ or US-6005733-\$ or US-7119995-\$ or US-6972933-\$ or US-6914758-\$ or US-6710983-\$ or US-6583968-\$ or US-6552879-\$ or US-6538857-\$ or US-6424505-\$ or US-6400534-\$ or US-6104048-\$ or US-5903415-\$ or US-5877911-\$ or US-5327303-\$ or US-6574078-\$ or US-6377411-\$ or US-5465186-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/10/27 18:22

## EAST Search History

S27	333	ESD and (TJ TJMR TMR TGMR (tunnel adj (junction magneto?resist\$5)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 20:19
S28	96275	threshold and diode	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 20:20
S29	23	S27 and S28	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 20:20